

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 986 | (417/571).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/02 21:24 |
| S2 | 883 | (417/540).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/02 22:35 |
| S3 | 657 | (417/567).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/02 21:24 |
| S4 | 4 | ("2309833" "2463766").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 21:53 |
| S5 | 5 | ("2161769" "4911614" "5074768" "5380176").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 21:58 |
| S6 | 8 | ("5577901").URPN. | USPAT | OR | ON | 2006/09/02 21:58 |
| S7 | 19 | ("4392788" "4583922" "4813852" "4930995" "5129792" "5342178" "5674054" "5702236" "5733107" "5762476" "6012905" "6012908" "6045342" "6146106" "6176687" "6250892" "6318972" "6386846" "6705843").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 22:36 |
| S8 | 19 | ("4392788" "4583922" "4813852" "4930995" "5129792" "5342178" "5674054" "5702236" "5733107" "5762476" "6012905" "6012908" "6045342" "6146106" "6176687" "6250892" "6318972" "6386846" "6705843").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 22:42 |
| S9 | 2 | ("4109749" "4583922").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 22:51 |
| S10 | 1673 | first near2 discharge near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:52 |

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| S11 | 1843 | second near2 discharge near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:52 |
| S12 | 459 | S10 same S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/04 20:54 |
| S13 | 794586 | piston or plunger | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:52 |
| S14 | 70 | S12 same S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:57 |
| S15 | 690 | TYLER-CHERYL-J or TYLER-CHERYL | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:57 |
| S16 | 4 | S15 and S12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/02 22:57 |
| S17 | 2 | ("4610604" "5139392").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/02 22:58 |
| S18 | 3 | ("3187991").URPN. | USPAT | OR | ON | 2006/09/03 19:50 |
| S19 | 1673 | first near2 discharge near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/04 20:54 |
| S20 | 1843 | second near2 discharge near2 chamber | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/04 20:54 |
| S21 | 459 | S19 same S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/04 20:54 |
| S22 | 12 | ("3817661" "4930995" "4936754" "5244355" "5466129" "5645405" "5702236" "5704769" "6293768" "6382938" "6390786" "6402483").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/04 20:56 |
| S23 | 2 | ("4109749" "4583922").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/04 21:04 |

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| S24 | 14 | ("4930995").URPN. | USPAT | OR | ON | 2006/09/04 21:38 |
| S25 | 2 | ("5112198").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/04 21:38 |
| S26 | 8 | ("5577901").URPN. | USPAT | OR | ON | 2006/09/06 11:14 |
| S27 | 15 | ("1986831" "2043849" "2109541" "2908287" "3375972" "4723896" "5249939" "5454397" "5456287" "5577901").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/06 11:15 |
| S28 | 20 | ("3375972").URPN. | USPAT | OR | ON | 2006/09/06 11:18 |
| S29 | 15 | ("1986831" "2043849" "2109541" "2908287" "3375972" "4723896" "5249939" "5454397" "5456287" "5577901").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/06 11:20 |
| S30 | 3 | ("4854839" "5542824" "5577901").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/06 11:27 |
| S31 | 1523417 | cylinder | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:27 |
| S32 | 148804 | gasket | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:27 |
| S33 | 35106 | valve near2 plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:27 |
| S34 | 508 | S31 same S32 same S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:29 |
| S35 | 344581 | partition | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:29 |
| S36 | 2022 | S32 same S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:29 |

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| S37 | 40 | S34 same S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/06 11:30 |
| S38 | 4 | ("4690619").URPN. | USPAT | OR | ON | 2006/09/06 11:32 |
| S39 | 2 | ("4290345" "4392788").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/06 11:32 |